

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	45	video adj transcoder and (reduc\$4 near resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:31
L7	2	"5926573".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:24
L8	2	"6275536".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:52
L9	2	"6647061".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:53
L10	2	"6490627".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:55
L11	2	"6621979".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:56
L12	3	"2004205213".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 07:59
L13	2	"7088780".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:00

EAST Search History

L14	0	partially with ecoding with frame and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L15	75	partially with encoding with frame and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L16	6	(partially near encoding) with frame and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L17	0	partially with ecoding with reduced with resolution with frame and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L18	1	partially with encoding with reduced with resolution with frame and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L19	1	partially with encoding with reduced with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L20	3	partially with encoding same reduced with resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L21	2	partially adj encoding and reduced adj resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26

EAST Search History

L22	1	"10/046366"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L23	0	partially near2 encod\$3 with frame and video and trancod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L24	19	partially adj encoding and video	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L25	2	"5940130".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L26	234	video adj transcoder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L27	8	video adj transcoder and partial\$2 near encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L28	4	video adj transcoder and partial\$2 adj encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L29	2	"6389174".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26

EAST Search History

L30	58	video adj transcoder and dct and idct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L31	8	("5940130" "6526099" "6625216" "6647061").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L32	6	(video adj transcod\$3) and (partial\$2 adj encod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L33	425	video adj transcod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L34	86	video adj transcod\$3 and dct and idct	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L35	9	"6671322"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L36	2	"6671322".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L37	18	video adj transcod\$3 and dct and idct and reduce with complexity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26

EAST Search History

L38	6	video adj transcod\$3 and partial\$2 adj encod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L39	0	375/010	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L40	0	375/240.010	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L41	1535	375/240.03	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L42	866	375/240.2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L43	52	L33 and L41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:26
L44	43	L33 and L42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:31
L45	2	"6671322".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:30

EAST Search History

L46	2795	375/240	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:30
L47	6161	382/232	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:31
L48	31	L33 and L46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:36
L49	28	L33 and L47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:38
L50	65	(video adj transcod\$3) and (reduc\$4 near resolution)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:33
L51	0	40 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:32
L52	0	40 and 47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:32
L53	2	((video adj transcod\$3) and (reduc\$4 near resolution)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:34

EAST Search History

L55	35	((motion adj compensation) and (reduc\$4 adj resolution)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:35
L56	10	((motion adj compensation) with (reduc\$4 adj resolution)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:35
L57	1	((motion adj compensation) with (reduc\$4 adj resolution) and (partial\$2 adj encod\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:35
L58	1	((motion adj compensation) and (reduc\$4 adj resolution) and (partial\$2 adj encod\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:35
L59	1	((motion adj compensat\$3) and (reduc\$4 adj resolution) and (partial\$2 adj encod\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/11 08:36



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "((video transcoding<in>metadata) <and> (spatial resolution<in>metadata))"

e-mail
 printer

Your search matched 19 of 1416205 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

((video transcoding<in>metadata) <and> (spatial resolution<in>metadata))

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#)
[Deselect All](#)

- ☐ 1. **Submacroblock motion compensation for fast down-scale transcoding of compressed video**
 Bo Shen;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
 Volume 15, Issue 10, Oct. 2005 Page(s):1291 - 1302
 Digital Object Identifier 10.1109/TCSVT.2005.854216
[AbstractPlus](#) | Full Text: [PDF](#)(552 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Heterogeneous video transcoding to lower spatio-temporal resolutions and different encoding formats**
 Shanableh, T.; Ghanbari, M.;
[Multimedia, IEEE Transactions on](#)
 Volume 2, Issue 2, June 2000 Page(s):101 - 110
 Digital Object Identifier 10.1109/6046.845014
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(228 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Arbitrary downsizing video transcoding using fast motion vector reestimation**
 YongQing Liang; Lap-Pui Chau; Yap-Peng Tan;
[Signal Processing Letters, IEEE](#)
 Volume 9, Issue 11, Nov. 2002 Page(s):352 - 355
 Digital Object Identifier 10.1109/LSP.2002.804130
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(422 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. **Complexity-quality analysis of transcoding architectures for reduced spatial resolution**
 Vetro, A.; Hata, T.; Kuwahara, N.; Kalva, H.; Sekiguchi, S.;
[Consumer Electronics, IEEE Transactions on](#)
 Volume 48, Issue 3, Aug. 2002 Page(s):515 - 521
 Digital Object Identifier 10.1109/TCE.2002.1037036
[AbstractPlus](#) | Full Text: [PDF](#)(794 KB) IEEE JNL
[Rights and Permissions](#)
- ☐ 5. **An efficient arbitrary downsizing algorithm for video transcoding**
 Haiyan Shu; Lap-Pui Chau;
[Circuits and Systems for Video Technology, IEEE Transactions on](#)
 Volume 14, Issue 6, June 2004 Page(s):887 - 891
 Digital Object Identifier 10.1109/TCSVT.2004.828327
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(280 KB) IEEE JNL
[Rights and Permissions](#)

6. **Motion drift modeling and correction for downscale video transcoding**
Bo Shen;
Image Processing, 2005. ICIP 2005. IEEE International Conference on
Volume 3, 11-14 Sept. 2005 Page(s):III - 680-3
Digital Object Identifier 10.1109/ICIP.2005.1530483
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IEEE CNF
[Rights and Permissions](#)
7. **An adaptive non-linear motion vector resampling algorithm for down-scaling video transcoding**
Seong Hwan Jang; Jayant, N.;
Multimedia and Expo, 2003. ICME '03. Proceedings. 2003 International Conference on
Volume 2, 6-9 July 2003 Page(s):II - 229-32 vol.2
Digital Object Identifier 10.1109/ICME.2003.1221595
[AbstractPlus](#) | Full Text: [PDF\(354 KB\)](#) IEEE CNF
[Rights and Permissions](#)
8. **H.263 video transcoding for spatial resolution downscaling**
Zhijun Lei; Georganas, N.D.;
Information Technology: Coding and Computing, 2002. Proceedings. International Conference on
8-10 April 2002 Page(s):425 - 430
Digital Object Identifier 10.1109/ITCC.2002.1000427
[AbstractPlus](#) | Full Text: [PDF\(329 KB\)](#) IEEE CNF
[Rights and Permissions](#)
9. **A new content-based hybrid video transcoding method**
YongQing Liang; Yap-Peng Tan;
Image Processing, 2001. Proceedings. 2001 International Conference on
Volume 1, 7-10 Oct. 2001 Page(s):429 - 432 vol.1
Digital Object Identifier 10.1109/ICIP.2001.959045
[AbstractPlus](#) | Full Text: [PDF\(528 KB\)](#) IEEE CNF
[Rights and Permissions](#)
10. **Video transcoding by reducing spatial resolution**
Peng Yin; Min Wu; Bede Liu;
Image Processing, 2000. Proceedings. 2000 International Conference on
Volume 1, 10-13 Sept. 2000 Page(s):972 - 975 vol.1
Digital Object Identifier 10.1109/ICIP.2000.901123
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF
[Rights and Permissions](#)
11. **Efficient video transcoding technique for QoS-based home gateway service**
Jae-Won Kim; Goo-Rak Kwon; Nam-Hyeong Kim; Morales, A.; Sung-Jae Ko;
Consumer Electronics, IEEE Transactions on
Volume 52, Issue 1, Feb. 2006 Page(s):129 - 137
Digital Object Identifier 10.1109/TCE.2006.1605037
[AbstractPlus](#) | Full Text: [PDF\(453 KB\)](#) IEEE JNL
[Rights and Permissions](#)
12. **Video transcoding: an overview of various techniques and research issues**
Ahmad, I.; Xiaohui Wei; Yu Sun; Ya-Qin Zhang;
Multimedia, IEEE Transactions on
Volume 7, Issue 5, Oct. 2005 Page(s):793 - 804
Digital Object Identifier 10.1109/TMM.2005.854472
[AbstractPlus](#) | Full Text: [PDF\(1392 KB\)](#) IEEE JNL
[Rights and Permissions](#)
13. **Video transcoding architectures and techniques: an overview**
Vetro, A.; Christopoulos, C.; Huifang Sun;
Signal Processing Magazine, IEEE

Volume 20, Issue 2, March 2003 Page(s):18 - 29
Digital Object Identifier 10.1109/MSP.2003.1184336

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1083 KB\)](#) IEEE JNL
[Rights and Permissions](#)

14. **Scalable video transcoding method with spatial updatable scalability**
Kodama, M.; Suzuki, S.;
[Circuits and Systems, 2004. MWSCAS '04. The 2004 47th Midwest Symposium on](#)
Volume 1, 25-28 July 2004 Page(s):I - 257-60 vol.1
Digital Object Identifier 10.1109/MWSCAS.2004.1353976
[AbstractPlus](#) | Full Text: [PDF\(552 KB\)](#) IEEE CNF
[Rights and Permissions](#)
15. **Efficient video transcoding with scan format conversion**
Byung Cheol Song; Tae Hee Kim; Kang Wook Chun;
[Image Processing, 2002. Proceedings. 2002 International Conference on](#)
Volume 1, 22-25 Sept. 2002 Page(s):I-709 - I-712 vol.1
Digital Object Identifier 10.1109/ICIP.2002.1038123
[AbstractPlus](#) | Full Text: [PDF\(345 KB\)](#) IEEE CNF
[Rights and Permissions](#)
16. **Transcoding of video into different encoding formats**
Shanableh, T.; Ghanbari, M.;
[Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE](#)
[International Conference on](#)
Volume 6, 5-9 June 2000 Page(s):1927 - 1930 vol.4
Digital Object Identifier 10.1109/ICASSP.2000.859206
[AbstractPlus](#) | Full Text: [PDF\(292 KB\)](#) IEEE CNF
[Rights and Permissions](#)
17. **MPEG-2 to WMV Transcoder with Adaptive Error Compensation and Dynamic Swi**
Shen G. ; He Yuwen ; Cao W. ; Li S. ;
[IEEE Transactions on Circuits and Systems for Video Technology : Accepted for future](#)
[publication](#)
Volume PP, Issue 99, 2006 Page(s):1 - 1
Digital Object Identifier 10.1109/TCSVT.2006.884008
[AbstractPlus](#) | Full Text: [PDF\(448 KB\)](#) IEEE JNL
18. **A Fast Arbitrary Factor Video Re-Sizing Algorithm**
Patil V. ; Kumar R. ; Mukherjee J. ;
[IEEE Transactions on Circuits and Systems for Video Technology : Accepted for future](#)
[publication](#)
Volume PP, Issue 99, 2006 Page(s):1 - 1
Digital Object Identifier 10.1109/TCSVT.2006.881859
[AbstractPlus](#) | Full Text: [PDF\(272 KB\)](#) IEEE JNL
19. **An Efficient Motion Vector Composition Scheme for Arbitrary Frame Down-Sampli**
Video Transcoder
Kumar R. ; Patil V. ;
[IEEE Transactions on Circuits and Systems for Video Technology : Accepted for future](#)
[publication](#)
Volume PP, Issue 99, 2006 Page(s):1 - 1
Digital Object Identifier 10.1109/TCSVT.2006.881194
[AbstractPlus](#) | Full Text: [PDF\(136 KB\)](#) IEEE JNL



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "(((video transcoding<in>metadata) <and> (spatial resolution<in>metadata))) &..."

e-mail
 printer

Your search matched 8 of 1416205 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)[New Search](#)

Modify Search

☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

[Select All](#)
[Deselect All](#)

- ☐ 1. **Heterogeneous video transcoding to lower spatio-temporal resolutions and different encoding formats**
 Shanableh, T.; Ghanbari, M.;
[Multimedia, IEEE Transactions on](#)
 Volume 2, Issue 2, June 2000 Page(s):101 - 110
 Digital Object Identifier 10.1109/6046.845014
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(228 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **Arbitrary downsizing video transcoding using fast motion vector reestimation**
 YongQing Liang; Lap-Pui Chau; Yap-Peng Tan;
[Signal Processing Letters, IEEE](#)
 Volume 9, Issue 11, Nov. 2002 Page(s):352 - 355
 Digital Object Identifier 10.1109/LSP.2002.804130
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(422 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **Complexity-quality analysis of transcoding architectures for reduced spatial resolution**
 Vetro, A.; Hata, T.; Kuwahara, N.; Kalva, H.; Sekiguchi, S.;
[Consumer Electronics, IEEE Transactions on](#)
 Volume 48, Issue 3, Aug. 2002 Page(s):515 - 521
 Digital Object Identifier 10.1109/TCE.2002.1037036
[AbstractPlus](#) | Full Text: [PDF\(794 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 4. **H.263 video transcoding for spatial resolution downscaling**
 Zhijun Lei; Georganas, N.D.;
[Information Technology: Coding and Computing, 2002. Proceedings. International Conference on](#)
 8-10 April 2002 Page(s):425 - 430
 Digital Object Identifier 10.1109/ITCC.2002.1000427
[AbstractPlus](#) | Full Text: [PDF\(329 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **A new content-based hybrid video transcoding method**
 YongQing Liang; Yap-Peng Tan;
[Image Processing, 2001. Proceedings. 2001 International Conference on](#)
 Volume 1, 7-10 Oct. 2001 Page(s):429 - 432 vol.1
 Digital Object Identifier 10.1109/ICIP.2001.959045
[AbstractPlus](#) | Full Text: [PDF\(528 KB\)](#) IEEE CNF
[Rights and Permissions](#)

6. **Video transcoding by reducing spatial resolution**
Peng Yin; Min Wu; Bede Liu;
[Image Processing, 2000. Proceedings. 2000 International Conference on](#)
Volume 1, 10-13 Sept. 2000 Page(s):972 - 975 vol.1
Digital Object Identifier 10.1109/ICIP.2000.901123
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF
[Rights and Permissions](#)
7. **Efficient video transcoding with scan format conversion**
Byung Cheol Song; Tae Hee Kim; Kang Wook Chun;
[Image Processing, 2002. Proceedings. 2002 International Conference on](#)
Volume 1, 22-25 Sept. 2002 Page(s):I-709 - I-712 vol.1
Digital Object Identifier 10.1109/ICIP.2002.1038123
[AbstractPlus](#) | Full Text: [PDF\(345 KB\)](#) IEEE CNF
[Rights and Permissions](#)
8. **Transcoding of video into different encoding formats**
Shanableh, T.; Ghanbari, M.;
[Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings. 2000 IEEE](#)
[International Conference on](#)
Volume 6, 5-9 June 2000 Page(s):1927 - 1930 vol.4
Digital Object Identifier 10.1109/ICASSP.2000.859206
[AbstractPlus](#) | Full Text: [PDF\(292 KB\)](#) IEEE CNF
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2006 IEEE – All Rights

Indexed by
 Inspec[®]

Video transcoder with spatial resolution reduction

Publication number: EP1257127

Publication date: 2002-11-13

Inventor: VETRO ANTHONY (US); SUN HUIFANG (US); YIN PENG (US); LIU BEDE (US); POON TOMMY C (US)

Applicant: MITSUBISHI ELECTRIC CORP (JP)

Classification:

- international: *H04N7/30; G06T3/40; G06T9/00; H03M7/30; H03M7/36; H04N7/26; H04N7/32; H04N7/30; G06T3/40; G06T9/00; H03M7/30; H03M7/36; H04N7/26; H04N7/32; (IPC1-7): H04N7/26*

- european: H04N7/26Z4; G06T3/40T; H04N7/26T

Application number: EP20020010348 20020507

Priority number(s): US20010853394 20010511

Also published as:

US6671322 (B2)
US2003016751 (A1)
US2002181579 (A1)
JP2003032682 (A)
EP1257127 (A3)

Cited documents:

US5926573
WO9819460
EP1091592
WO02093937
XP010359766
more >>

Report a data error here

Abstract of EP1257127

A method transcodes groups of macroblocks of a partially decoded input bitstream. The groups of macroblocks include intra-mode and inter-mode macroblocks. Each macroblock includes DCT coefficients, and at least one motion vector. The modes of each group of macroblocks are mapped to be identical only if there is an inter-mode block and an intra-mode macroblock in the group. If any of the macroblocks in the group are mapped, then the DCT coefficients and the motion vector for such mapped macroblocks are modified in accordance with the mapping to generate reduced-resolution macroblock for an output compressed bitstream to compensate for drift..

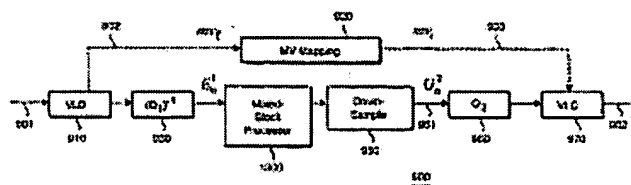


FIG. 9

Data supplied from the esp@cenet database - Worldwide

RESULT LIST

1 result found in the Worldwide database for:

ep1257127 as the publication number

(Results are sorted by date of upload in database)

1 Video transcoder with spatial resolution reduction

Inventor: VETRO ANTHONY (US); SUN HUIFANG (US); **Applicant:** MITSUBISHI ELECTRIC CORP (JP)
(+3)

EC: H04N7/26Z4; G06T3/40T; (+1)

IPC: H04N7/30; G06T3/40; G06T9/00 (+12)

Publication info: EP1257127 - 2002-11-13

Data supplied from the esp@cenet database - Worldwide



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "(hashemi m. r.<in>au)"

Your search matched 22 of 1416205 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

e-mail
 printer

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

(hashemi m. r.<in>au)

☐ Check to search only within this results set

 Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

[Select All](#)
[Deselect All](#)

- ☐ 1. **The single-queue switch: a building block for switches with programmable schedu**
 Hashemi, M.R.; Leon-Garcia, A.;
Selected Areas in Communications, IEEE Journal on
 Volume 15, Issue 5, June 1997 Page(s):785 - 794
 Digital Object Identifier 10.1109/49.594841
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(144 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 2. **A scheduler ASIC for a programmable packet switch**
 Zhang, L.L.; Beacham, B.; Hashemi, M.R.; Chow, P.; Leon-Garcia, A.;
Micro, IEEE
 Volume 20, Issue 1, Jan.-Feb. 2000 Page(s):42 - 48
 Digital Object Identifier 10.1109/40.820052
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(132 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- ☐ 3. **An Efficient Deblocking Filter with Self-Transposing Memory Architecture For H.26**
 Bojnordi, M.N.; Fatemi, O.; Hashemi, M.R.;
Acoustics, Speech and Signal Processing, 2006. ICASSP 2006 Proceedings. 2006 IEEE
International Conference on
 Volume 2, 14-19 May 2006 Page(s):II-925 - II-928
[AbstractPlus](#) | Full Text: [PDF\(176 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 4. **Massively parallel conformal FDTD on a BlueGene supercomputer**
 Hashemi, M.R.; Mitra, R.; Wenhua Yu; de Araujo, D.N.; Cases, M.; Pham, N.; Matoglu, I
Electrical Performance of Electronic Packaging, 2005. IEEE 14th Topical Meeting on
 24-26 Oct. 2005 Page(s):249 - 252
 Digital Object Identifier 10.1109/EPEP.2005.1563750
[AbstractPlus](#) | Full Text: [PDF\(2270 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- ☐ 5. **Delay analysis using FDTD for source synchronous interfaces**
 Hashemi, M.R.; Mitra, R.; de Araujo, D.N.; Cases, M.; Pham, N.; Matoglu, E.; Patel, P.;
 Herrman, B.;
Electrical Performance of Electronic Packaging, 2005. IEEE 14th Topical Meeting on
 24-26 Oct. 2005 Page(s):217 - 220
 Digital Object Identifier 10.1109/EPEP.2005.1563741
[AbstractPlus](#) | Full Text: [PDF\(801 KB\)](#) IEEE CNF
[Rights and Permissions](#)

- 6. **A novel two tiered proxy caching scheme for video on demand applications**
 Nayyeri, A.; Hashemi, M.R.; Yazdani, N.;
Web Content Caching and Distribution, 2005. WCW 2005. 10th International Workshop.
 12-13 Sept. 2005 Page(s):77 - 82
 Digital Object Identifier 10.1109/WCW.2005.5
[AbstractPlus](#) | Full Text: [PDF\(296 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 7. **Quadratic Koch island patch antenna**
 Haji-Hashemi, M.R.;
Antennas and Propagation Society International Symposium, 2005 IEEE
 Volume 3A, 3-8 July 2005 Page(s):868 - 871 vol. 3A
 Digital Object Identifier 10.1109/APS.2005.1552396
[AbstractPlus](#) | Full Text: [PDF\(616 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 8. **A wideband fractal dielectric resonator antenna**
 Haji-Hashemi, M.R.; Shahpari, A.;
Antennas and Propagation Society International Symposium, 2005 IEEE
 Volume 1B, 3-8 July 2005 Page(s):533 - 536 vol. 1B
[AbstractPlus](#) | Full Text: [PDF\(752 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 9. **Implementing an efficient encryption block for MPEG video streams**
 Bojaordi, M.N.; Hashemi, M.R.; Fatemi, S.O.;
ELMAR, 2005. 47th International Symposium
 8-10 June 2005 Page(s):127 - 130
[AbstractPlus](#) | Full Text: [PDF\(238 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 10. **A comparative study of some space-filling microstrip patch antennas**
 Haji-Hashemi, M.R.; Abiri, H.;
Antenna Technology: Small Antennas and Novel Metamaterials, 2005. IWAT 2005. IEEE
International Workshop on
 7-9 March 2005 Page(s):274 - 277
 Digital Object Identifier 10.1109/IWAT.2005.1461069
[AbstractPlus](#) | Full Text: [PDF\(257 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 11. **Fractal dimension-based EEG biofeedback system**
 Bashashati, A.; Ward, R.K.; Birch, G.E.; Hashemi, M.R.; Khalilzadeh, M.A.;
Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th Annual
International Conference of the IEEE
 Volume 3, 17-21 Sept. 2003 Page(s):2220 - 2223 Vol.3
 Digital Object Identifier 10.1109/IEMBS.2003.1280200
[AbstractPlus](#) | Full Text: [PDF\(496 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 12. **A framework for a distributed protocol set to provide better quality of service for multimedia delivery on IP networks**
 Mohammadi, H.; Yazdani, N.; Hashemi, M.R.;
Communications, 2003. APCC 2003. The 9th Asia-Pacific Conference on
 Volume 2, 21-24 Sept. 2003 Page(s):517 - 520 Vol.2
 Digital Object Identifier 10.1109/APCC.2003.1274411
[AbstractPlus](#) | Full Text: [PDF\(360 KB\)](#) IEEE CNF
[Rights and Permissions](#)
- 13. **Compressed domain spatial scaling of MPEG video sequences**
 Mahdi Ghandi, M.; Emad Modirzadeh, M.; Hashemi, M.R.; Fatemi, O.;
Consumer Electronics, 2002. ICCE. 2002 Digest of Technical Papers. International Conf
on

18-20 June 2002 Page(s):138 - 139
Digital Object Identifier 10.1109/ICCE.2002.1013963
[AbstractPlus](#) | Full Text: [PDF\(256 KB\)](#) IEEE CNF
[Rights and Permissions](#)

14. **Compressed domain motion vector resampling for downscaling of MPEG video**
Hashemi, M.R.; Winger, L.; Panchanathan, S.;
[Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on](#)
Volume 4, 24-28 Oct. 1999 Page(s):276 - 279 vol.4
Digital Object Identifier 10.1109/ICIP.1999.819594
[AbstractPlus](#) | Full Text: [PDF\(200 KB\)](#) IEEE CNF
[Rights and Permissions](#)
15. **Macroblock type selection for compressed domain down-sampling of MPEG video**
Hashemi, M.R.; Winger, L.; Panchanathan, S.;
[Electrical and Computer Engineering, 1999 IEEE Canadian Conference on](#)
Volume 1, 9-12 May 1999 Page(s):35 - 38 vol.1
Digital Object Identifier 10.1109/CCECE.1999.807167
[AbstractPlus](#) | Full Text: [PDF\(288 KB\)](#) IEEE CNF
[Rights and Permissions](#)
16. **A multicast single-queue switch with a novel copy mechanism**
Hashemi, M.R.; Leon-Garcia, A.;
[INFOCOM '98. Seventeenth Annual Joint Conference of the IEEE Computer and](#)
[Communications Societies. Proceedings. IEEE](#)
Volume 2, 29 March-2 April 1998 Page(s):800 - 807 vol.2
Digital Object Identifier 10.1109/INFCOM.1998.665103
[AbstractPlus](#) | Full Text: [PDF\(732 KB\)](#) IEEE CNF
[Rights and Permissions](#)
17. **A RAM-based generic packet switch with scheduling capability**
Hashemi, M.R.; Leon-Garcia, A.;
[Broadband Switching Systems, 1997. Proceedings. 2nd IEEE International Workshop on](#)
2-4 Dec. 1997 Page(s):155 - 163
Digital Object Identifier 10.1109/BSS.1997.658922
[AbstractPlus](#) | Full Text: [PDF\(872 KB\)](#) IEEE CNF
[Rights and Permissions](#)
18. **A general purpose cell sequencer/scheduler for ATM switches**
Hashemi, M.R.; Leon-Garcia, A.;
[INFOCOM '97. Sixteenth Annual Joint Conference of the IEEE Computer and Communi](#)
[Societies. Proceedings IEEE](#)
Volume 1, 7-11 April 1997 Page(s):29 - 37 vol.1
Digital Object Identifier 10.1109/INFCOM.1997.635111
[AbstractPlus](#) | Full Text: [PDF\(744 KB\)](#) IEEE CNF
[Rights and Permissions](#)
19. **The single queue switch**
Hashemi, M.R.; Leon-Garcia, A.;
[INFOCOM '97. Sixteenth Annual Joint Conference of the IEEE Computer and Communi](#)
[Societies. Proceedings IEEE](#)
Volume 2, 7-11 April 1997 Page(s):533 - 540 vol.2
Digital Object Identifier 10.1109/INFCOM.1997.644503
[AbstractPlus](#) | Full Text: [PDF\(668 KB\)](#) IEEE CNF
[Rights and Permissions](#)
20. **Predictive vector quantization using neural networks**
Hashemi, M.R.; Yeap, T.H.; Panchanathan, S.;
[Electrical and Computer Engineering, 1995. Canadian Conference on](#)
Volume 2, 5-8 Sept. 1995 Page(s):834 - 837 vol.2
Digital Object Identifier 10.1109/CCECE.1995.526425
[AbstractPlus](#) | Full Text: [PDF\(340 KB\)](#) IEEE CNF

[Rights and Permissions](#)

- └ 21. **Persian cursive script recognition**
Hashemi, M.R.; Fatemi, O.; Safavi, R.;
[Document Analysis and Recognition, 1995., Proceedings of the Third International Conference on](#)
Volume 2, 14-16 Aug. 1995 Page(s):869 - 873 vol.2
Digital Object Identifier 10.1109/ICDAR.1995.602039
[AbstractPlus](#) | Full Text: [PDF](#)(432 KB) IEEE CNF
[Rights and Permissions](#)
- └ 22. **Extraction of anesthesia depth using self similarity and fluctuation analysis on the wavelet coefficients of EEG**
Gifani, P.; Rabiee, H.R.; Hashemi, M.R.; Ghanbari, M.;
[Medical Applications of Signal Processing, 2005. The 3rd IEEE International Seminar on \(No. 2005-1119\)](#)
3-4 Nov. 2005 Page(s):7 - 12
[AbstractPlus](#) | Full Text: [PDF](#)(358 KB) IEEE CNF

Indexed by
 Inspect[®]

[Help](#) [Contact Us](#) [Privacy & Security](#)

© Copyright 2006 IEEE – All Rights



[Web](#) [Images](#) [Video](#)^{New!} [News](#) [Maps](#) [more »](#)

"video transcoder" "spatial resolution"

[Advanced Search](#)
[Preferences](#)

Web

Results 1 - 10 of about **745** for "**video transcoder**" "**spatial resolution**". (0.35 seconds)

A DCT-domain video transcoder for spatial resolution downconversion

A DCT-domain video transcoder for spatial resolution downconversion. Yuh-Reuy LEE, Chia-Wen LIN, Cheng-Chien KAO Lecture notes in computer science, 207-218, ...
cat.inist.fr/?aModele=afficheN&cpsidt=14054578 - [Similar pages](#)

[PDF] A DCT-Domain Video Transcoder for Spatial Resolution Downconversion

File Format: PDF/Adobe Acrobat

A DCT-Domain Video Transcoder for Spatial Resolution Downconversion 217. filtering scheme for composing the downscaled motion vectors, and also a method for ...
www.springerlink.com/index/JNQHWRE6BM5HHXD.pdf - [Similar pages](#)

[PPT] A DCT-Domain Video Transcoder for Spatial Resolution Downconversion

File Format: Microsoft Powerpoint - [View as HTML](#)

A DCT-Domain Video Transcoder for Spatial Resolution Downconversion. Yuh-Reuy Lee, Chia-Wen Lin and Cheng-Chien Kao. CS@National Chung Cheng University ...
cairo.cs.uiuc.edu/~klara/VideoTranscoder.ppt - [Similar pages](#)

Video transcoder with spatial resolution reduction - Patent 6671322

A method transcodes groups of macroblocks of a partially decoded input bitstream. The groups of macroblocks include intra-mode and inter-mode macroblocks.
www.freepatentsonline.com/6671322.html - 71k - [Cached](#) - [Similar pages](#)

A Fast Downsizing Video Transcoder for H.264/AVC With Rate ...

... problem when H.264/AVC video streams are transcoded in spatial resolution. ... A Fast Downsizing Video Transcoder for H.264/AVC With Rate-Distortion ...
whitepapers.techrepublic.com.com/abstract.aspx?docid=255978&promo=300111 - 34k - Oct 9, 2006 - [Cached](#) - [Similar pages](#)

EP1257127 Mitsubishi european software patent - Video transcoder ...

EP1257127 Mitsubishi electric corp (JP): Video transcoder with spatial resolution reduction Videotranskoder mit räumlicher auflösung Transcodeur vidéo avec ...
gauss.ffii.org/PatentView/EP1257127 - 75k - [Cached](#) - [Similar pages](#)

[PDF] H.263 video transcoding fo spatial resolution downscaling ...

File Format: PDF/Adobe Acrobat

compressed H.263 video into low spatial-resolution is. discussed and realized. To reduce the computation ... computational complexity of a video transcoder. ...
ieeexplore.ieee.org/iel5/7847/21600/01000427.pdf - [Similar pages](#)

[PDF] Drift compensation for reduced spatial resolution transcoding ...

File Format: PDF/Adobe Acrobat

dation when transcoding to a lower spatial resolution. Two types ... [4] P. Assuncao and M. Ghanbari, "A frequency-domain video transcoder ...
ieeexplore.ieee.org/iel5/76/24083/01097956.pdf - [Similar pages](#)

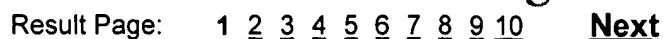
A DCT-Domain Video Transcoder for Spatial Resolution Downconversion

A DCT-Domain Video Transcoder for Spatial Resolution Downconversion. Source, Lecture Notes In Computer Science; Vol. 2314 archive ...
portal.acm.org/citation.cfm?id=647062.714601 - [Similar pages](#)

[PDF] Performance Optimization of an MPEG-2 to MPEG-4 Video Transcoder

File Format: PDF/Adobe Acrobat - [View as HTML](#)

www.merl.com/papers/docs/TR2003-57.pdf - Oct 9, 2006 - [Similar pages](#)



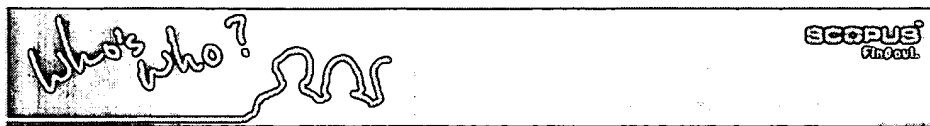
"video transcoder" "spatial resolution" Search

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

<http://www.google.com/search?hl=en&lr=&rls=GGLD%2CGGLD%3A2004-30%2CGGLD%3Ae...> 10/11/06

[Click here to find out more!](#)

Page 1 of 1



About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

Basic Search

[Advanced Search](#) [Search Preferences](#)

"video transcoder" AND "spatial resolution"

Search

☒ Journal sources ☒ Preferred Web sources ☒ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:"**video transcoder**" AND "**spatial resolution**"

Found:: :**33 total** | **0 journal results** | **21 preferred web results** | **12 other web results**

Sort by:: :**relevance** | **date**

Save checked results

Email checked results

Export checked results

☐ **21. mp2mp4_submit.doc** [PDF-19K]

Mar 2002

...authors investigated techniques for **spatial resolution** down-sampling, temporal resolution...Generally, it cannot handle temporal or **spatial resolution** changes without causing drift. So...usually has lower frame-rate and **spatial resolution** than those of the MPEG-2 video. The...

[<http://amp.ece.cmu.edu/packetvideo2002/papers/102-inew...>]

[similar results](#)

☐ **22. vcip02-draft2.dvi** [PDF-49K]

Oct 2001

...degradation when transcoding to a lower **spatial resolution**. Two types of drift error are...bitstream that has been encoded at one **spatial resolution** to an output bitstream with half the **spatial resolution**. The methods presented in this...

[<http://www.merl.com/people/avetro/publications/vcip02-...>]

[similar results](#)

☐ **23. TRICK PLAY SIGNAL GENERATION FOR A DIGITAL VIDEO RECORDER**

EERENBERG, Onno / RIJCKAERT, Albert, M., A. / BRÜLS, Wilhelmus, H., A.,

PATENT COOPERATION TREATY APPLICATION, Dec 1999

...control the final quality. The first parameter is the **spatial resolution** of the MPEG encoded picture. The second parameter is the...how to obtain the best performance with respect to the **spatial resolution** and the temporal refresh rate. Audio visual information...

Full text available at patent office. For more in-depth searching go to  LexisNexis

[view all 21 results from Patent Offices](#)

[similar results](#)

☐ **24. OVERLAY MANAGEMENT**

PAZ, Ofir / KEREN, Avishai / FEDER, Meir / FENSTER, Maier, PATENT

COOPERATION TREATY APPLICATION, Feb 2000

...for a particular viewer. Preferably, the quality of the TV channel is reduced for this display, for example by reducing **spatial resolution** thereof or by using an increased compression ratio. Thus, a plurality of personalized enhanced stations can be provided...

Full text available at patent office. For more in-depth searching go to  LexisNexis

[view all 21 results from Patent Offices](#)

[similar results](#)

25. SELECTIVE COMPRESSION

Refine you
using the:
found in t
base data

[chrominanc](#)

[dct domain](#)

[discrete cos](#)

[frame-base](#)

[ieee trans](#)

[luminance](#)

[motion esti](#)

[quantization](#)

[spatio-temp](#)

[temporal fil](#)

[texture info](#)

[transcoding](#)

[video qualit](#)


[video sequ](#)


[video signa](#)


Or refine


All of the


Refine


- ☐ **PAZ, Ofir / KEREN, Avishai / FEDER, Meir / FENSTER, Maier, PATENT COOPERATION TREATY APPLICATION**, Feb 2000
Providing a plurality of display commands which represent display (104). Generating a plurality of quantized transformed coefficients (106) from display command, wherein quantization is different for different display commands. Creating a compressed video ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)
[similar results](#)

- ☐ **26. DOWN SCALING OF IMAGES**
CHRISTOPOULOS, Charilaos / SKODRAS, Athanasios, PATENT COOPERATION TREATY APPLICATION, Sep 1998
...to implement a **spatial resolution** reduction of the...decreasing the **spatial resolution** of the incoming...provides lower **spatial resolution** reconstructed...general view of a **video transcoder**. - Fig. 5 is an...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)
[similar results](#)

- ☐ **27. SCALABLE MEDIA DELIVERY SYSTEM**
KALRA, Devendra / KRISHNAMOHAN, Karnamadakala / RAMAMOORTHY, Venkatasubbarao / BALAKRISHNAN, Jeyendran / BURR, Timothy J. / GURUSWAMY, Kowsik, PATENT COOPERATION TREATY APPLICATION, Aug 1998
...level of detail function according to the present invention FIG. 28 illustrates 3D decoder controlling video sequences and **spatial resolution** in dependence upon distance from the camera according to the present invention. ### DETAILED DESCRIPTION OF THE PREFERRED...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)
[similar results](#)

- ☐ **28. Method and apparatus that provides a scalable media delivery system**
Kalra, Devendra / Krishnamohan, Karnamadakala / Ramamoorthy, Venkatasubbarao / Balakrishnan, Jeyendran / Burr, Timothy J. / Guruswamy, Kowsik, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Sep 1999
The present invention provides an apparatus and method for encoding, storing, transmitting and decoding multimedia information in the form of scalable, streamed digital data. A base stream containing basic informational content and subsequent streams ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)
[similar results](#)

- ☐ **29. Video teleconferencing system with digital transcoding**
Polomski, Mark, UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Nov 1998
A video teleconferencing system uses digital transcoding to obtain algorithm transcoding, transmission rate matching, and spatial mixing. The video teleconferencing system comprises a multipoint control unit (MCU) for allowing multiple audiovisual ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)
[similar results](#)

- ☐ **30. Video teleconferencing system with digital transcoding**
Polomski, Mark D., UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Feb 1997
A video teleconferencing system uses digital transcoding to obtain algorithm transcoding, transmission rate matching, and spatial mixing. The video teleconferencing system comprises a multipoint control unit (MCU) for allowing multiple audiovisual ...
Full text available at patent office. For more in-depth searching go to  LexisNexis[®]
[view all 21 results from Patent Offices](#)

similar results

- ☐ **31. No Title** [PDF-373K]
Aug 2000
xiii TABLE OF CONTENTS Volume I MA01: DIGITAL, STEREOSCOPIC AND 3-D IMAGING P.
Harman, Dynamic Digital Depth Research Pty., Ltd., Australia
[http://viola.usc.edu/paper/icip2000/HTMLs/Toc.pdf]
similar results

- ☐ **32. Transcoder Architectures and Techniques** [PDF-13K]
Mar 2002
...focus upon methods used to reduce the **spatial resolution** of the video sequence. We
also discuss...complexity improved 39% (over a basic **video transcoder**) with the rate
reduction methods...principles of motion vector reuse and **spatial resolution** reduction
presented in the reviewed...
[http://www.ece.utexas.edu/~bevans/courses/ee382c/proje...]
similar results

- ☐ **33. Author Guidelines for 8** [PDF-34K]
Mar 2002
...transmission bit rate or a small **spatial resolution**. The operation of converting a
video...different client devices. Various **video transcoder** architectures for bit rate
adaptation...control the output bit rate of the **video transcoder**. In the DCT domain
transcoder, after...
[http://www.mcrilab.uottawa.ca/papers/Ryan_CCECE2002.pdf]
similar results



Results Pages: [[<< Prev](#)] [1](#) [2](#) [[Next >>](#)]

[back to top](#)

[Downloads](#) | [Subscribe to News Updates](#) | [User Feedback](#) | [Advertising](#)
[Tell A Friend](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Legal](#)

Powered by FAST © Elsevier 2006